Projects with activities at the station in 2008

Project Number	Title	Project Leader	Subject
KOL 01	Radiation measurements in Framework of the Baseline Surface Radiation Network - BSRN	M. Maturilli (AWI)	Meteorology, Atmospheric Physics
KOL 02a	Microwave Observations of Stratospheric Trace Species (NDACC)	H. Küllmann, J. Notholt (University of Bremen)	Atmospheric Physics, Ozone, Trace Gases
KOL 02b	Stratospheric Observations by LIDAR Technique (NDACC)	R. Neuber (AWI)	Atmospheric Physics, Ozone, Aerosols
KOL 02c	Trace Gas Measurements by Fourier Transform Infrared Spectroscopy (FTIR) (NDACC)	J. Notholt (University of Bremen)	Atmospheric Chemistry and Physics, Trace Gases
KOL 03	Aerosol Optical depth Measurements at Ny-Ålesund	A. Herber (AWI)	Atmospheric Physics, Aerosols
KOL 04	Seismological "Very Broad Band" Station (VBB-Station)	A. Eckstaller (AWI)	Seismic Investigations
KOL 05	Measurements of UV Radiation (NDACC)	O. Schrems (AWI)	Atmospheric Physics, Radiation Budget
KOL 06	Biology of Arctic macroalgae	C. Wiencke (AWI)	Marine Plants, UV-Resistance / Sensitivity
KOL 08	Heavy metals in aerosols & precipitation	M. Kriews (AWI)	Atmospheric Chemistry
KOL 09	Tropospheric Lidar	R. Neuber (AWI)	Atmospheric Physics
KOL 10	DOAS measurements of trace gases	F. Wittrock (U. Bremen)	Atmospheric Physics
KOL 11	Heat and mass transfer in the active layer	J. Boike (AWI)	Geophysics
KOL 12	GPS High-Rate-Station	C. Falck (GFZ-Potsdam)	GPS-Meteorology, Water Vapor, Occultation Measurements
KOL 13	CHAMP Satellite Receiver	C.Falck (GFZ-Potsdam)	GPS-Meteorology, Water Vapor, Occultation Measurements
KOL 14	Cloud Observations	M. Shiobara (NIPR), R. Neuber (AWI)	Atmospheric Physics
KOP 17	Stratospheric Ozone Loss Determination (Match)	P. von der Gathen (AWI)	Atmospheric Physics
KOP 51	Benthic Resilience in Polar Environments	J. Laudien (AWI)	Marine Biology
KOP 56	Microbiology and Biogeochemical Processes in the Arctic Seafloor	V. Brüchert, B. Jørgensen (MPI-Bremen)	Marine Microbiology
KOP 69	Stratospheric Water Vapour Balloon Soundings	M. Maturilli (AWI)	Atmospheric Physics
KOP 72	Investigation of the Physiological and Cellular Adaption of Plants and Snow Algae to the Arctic Environment	C. Lütz (University of Insbruck)	Biology
KOP 83	Population Dynamics of Benthic Cockle Communities in Polar Environments	J. Laudien (AWI)	Marine Biology

KOP 94	Tethered Balloon	M. Maturilli (AWI)	Atmospheric Physics
KOP 95	FTIR CO2	J. Notholt (University of Bremen)	Atmospheric Chemistry and Physics, Trace Gases
KOP 99	AWIPEV INVEST Kongsfjorden III	D. Dethleff (IPÖ Kiel)	Geophysics & Marine Biology
KOP 102	Benthic Microalgae from Arctic Waters	U. Karsten (University of Rostock)	Marine Biology
KOP 103	Neutron Measurements	H. Paretzke, W. Ruehm (GSF)	Physics
KOP 105	Climate Change for Pelagic Microbial Communities	A. Buma, D. Anouk, M. Piquet, W. van de Poll (University of Groningen)	Marine Biology
KOP 110	Ice-marginal processes at surging and non-surging, cold-based and polythermal glaciers in Svalbard	S. Lukas (University of Bern)	Geophysics
KOP 114	Reconstruction of the Ice sheet volume and the Last Deglaciation on Svalbard	A. Hormes (UNIS)	Atmospheric Physics
KOP 115	From Soil to Ocean: Transfer of terrigenous organic carbon from permafrost soils to the Arctic Ocean	J. Rethemeyer (AWI)	Hydrology
KOP 117	Impact of ocean acidification and warming on polar shelled pteropods (Limacina spp.)	I. Werner (AWI)	Marine Biology
KOP 118	Impact of CO2 on thermal tolerance, pH and ionic regulation and larval development of crustaceans from different climes	H. O. Poertner (AWI)	Marine Biology
KOP 119	Secondary Metabolites in Marine Sponges: Qualitative and Quantitative Differences Over Time	M. Koeck, G. Schmidt (AWI)	Marine Biology
KOP 121	IPY-THORPEX: 6-hourly radiosondes	M. Maturilli (AWI)	Meteorology, Atmospheric Physics
KOP 122	Effect of UV Radiation on Microalgae Isolated from the Arctic	P. Siew-Moi, C. Wan-Loy	Marine Biology
KOP 123	Ecophysiological Changes in Arctic Seaweeds Triggered by Rising Temperature and Dissolved CO2 (SEATEC)	F. J. Lopez-Gordillo	Marine Biology
RAL 313a	Orbit Determination	H. Fragard	Satellite Observation, Geodesy
RAL 313b	Doris Meteo Rabot	H. Fragard	Satellite Observation, Geodesy
RAP 330	Kittiwakes endocrinology	O. Chastel (CEBC– CNRS, Villiers en Bois, France)	Marine Biology
RAP 399	CHIMERPOL	C. Ferrari	Atmospheric Chemistry
RAP 455	PRACEAL	P. Mayzaud	Marine Biology
COP 304	Hydro Loven FLOWS	M Griselin, ThéMA	Glaciers Hydrology
RAP 1060	SEDIMENTOLOGY	J. Deloffre UMR CNRS	Oceanography
RAP 1157	AEROsols of Biogenic origin in Polar region of Arctic AEROBIPOLAR	J. Sciare (LSCE, UMR 1572, Gif/Yvette)	Atmospheric Chemistry
COL T2	Aerosols Corbel	F. Delbart IPEV Brest	Atmospheric Chemistry
COL T3	Meteo Corbel	F. Delbart IPEV Brest	Meteorology